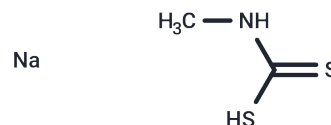


Metam-sodium

Chemical Properties

CAS No. : 137-42-8
Formula: C₂H₄NNaS₂
Molecular Weight: 129.17
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Metam-sodium is an organic sodium salt and organosulfur insecticide that appears as a yellow to light yellow-green solution with varying strengths of amine and sulfur odors. It can be used as a herbicide, insecticide, fungicide and pesticide.
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Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.7417 mL	38.7087 mL	77.4174 mL
5 mM	1.5483 mL	7.7417 mL	15.4835 mL
10 mM	0.7742 mL	3.8709 mL	7.7417 mL
50 mM	0.1548 mL	0.7742 mL	1.5483 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Park CG, Son JK, Lee BH, Cho JH, Ren Y. Comparison of Ethanedinitrile (C₂N₂) and Metam Sodium for Control of *Bursaphelenchus xylophilus* (Nematoda: Aphelenchidae) and *Monochamus alternatus* (Coleoptera:

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